

**Circulatory  
or  
Cardiovascular  
System**

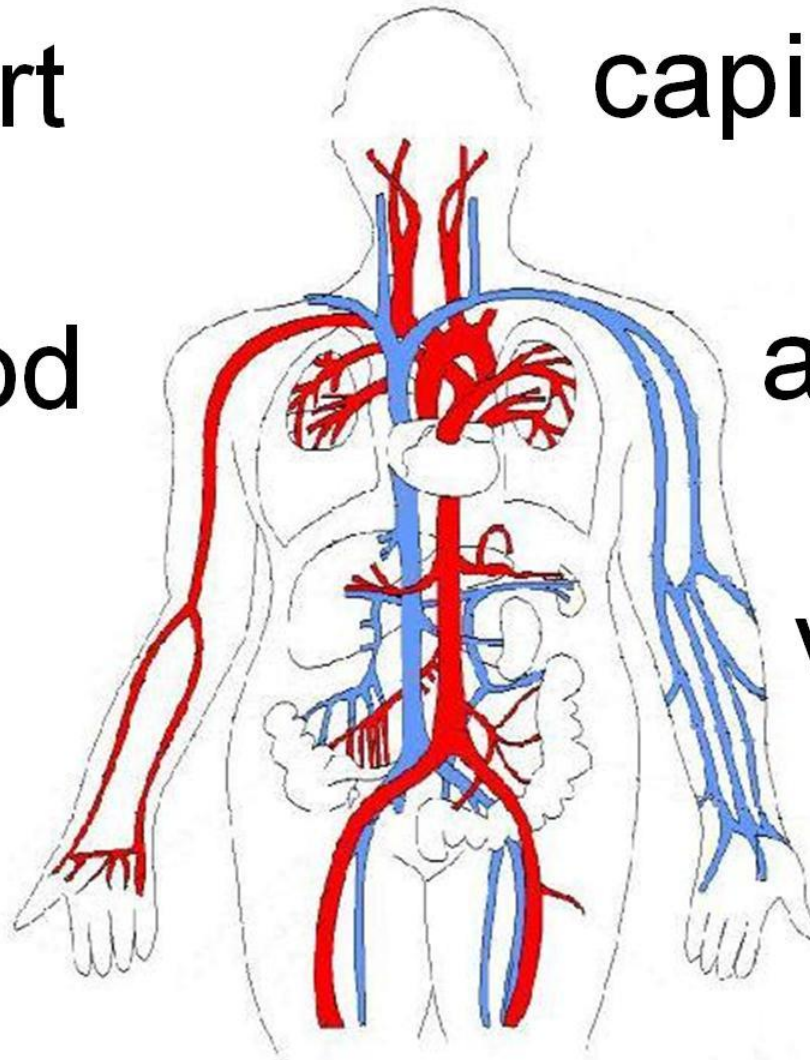
**heart**

**capillaries**

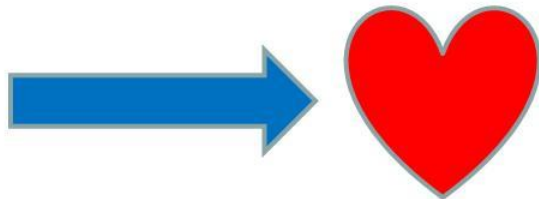
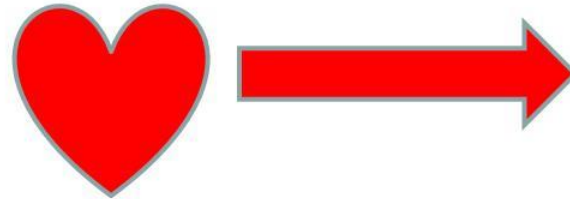
**blood**

**arteries**

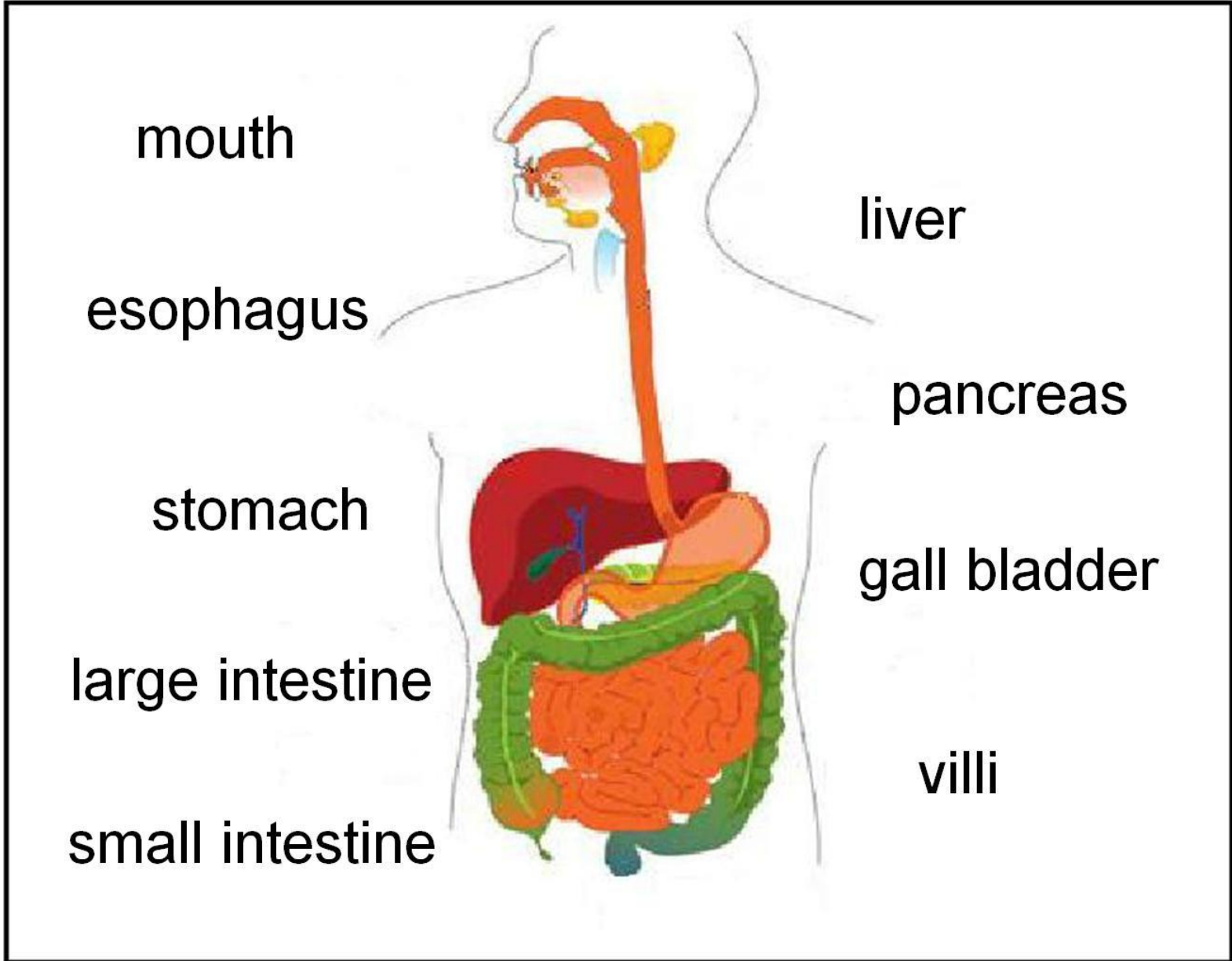
**veins**



Arteries carry food  
and oxygen  
to the cells.



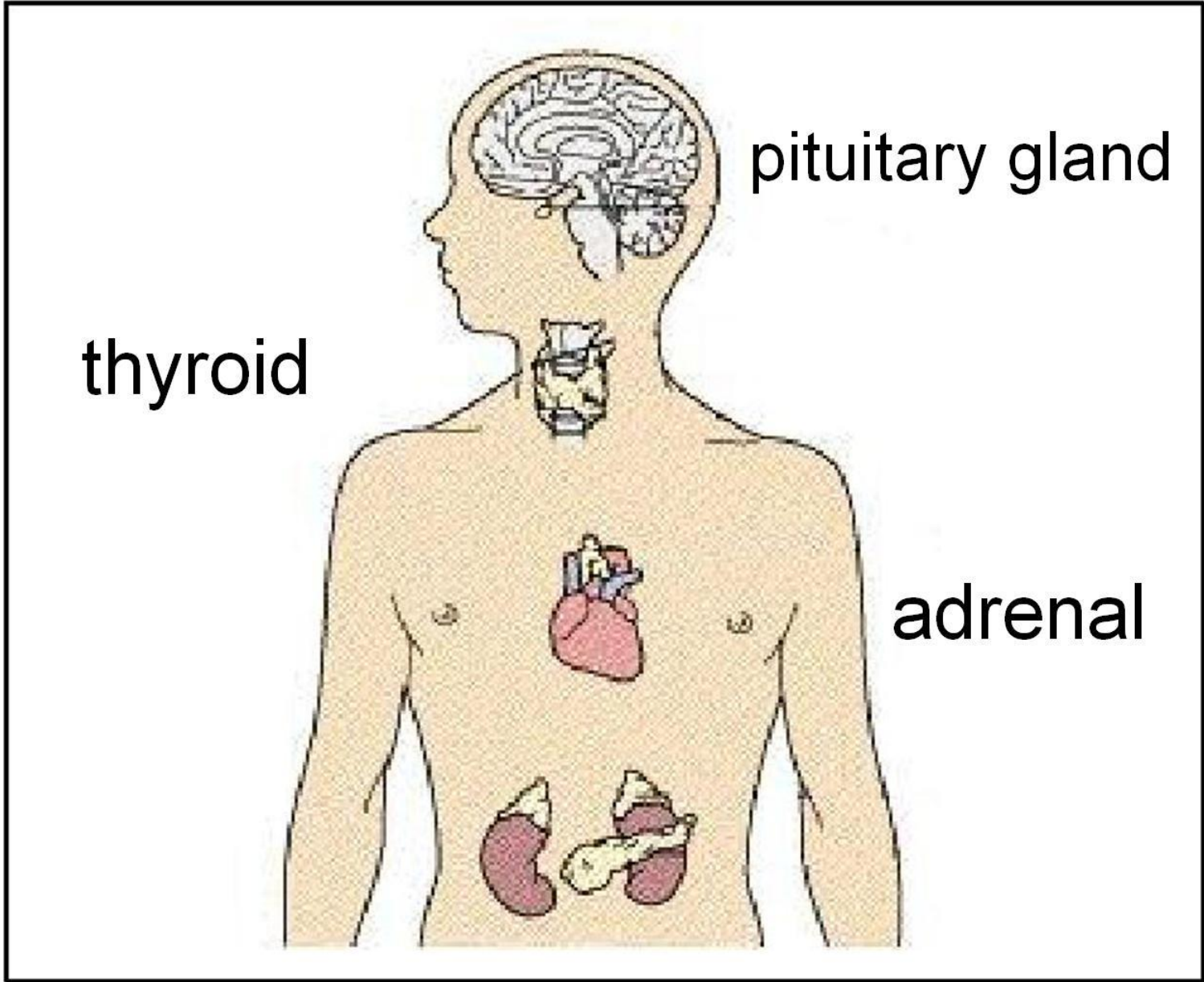
Veins return blood  
cells to the heart and lungs.



# Break down food to get nutrients into cells.

- Begins in the mouth.
- Enzymes in saliva begin the digestive process.
- Most digestion takes place in small intestine.

# Endocrine System



Controls growth.

Releases hormones.

Controls how fast  
you use energy.

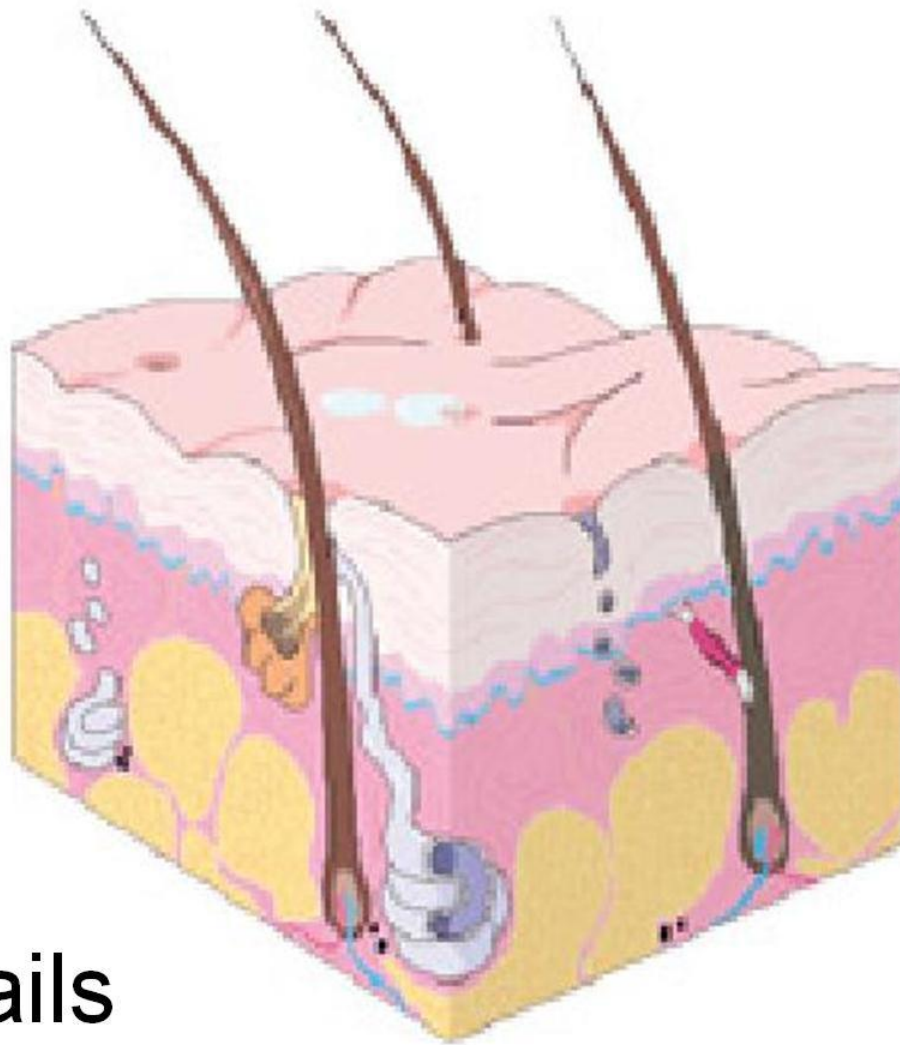


# Integumentary System

skin

hair

nails



Largest system

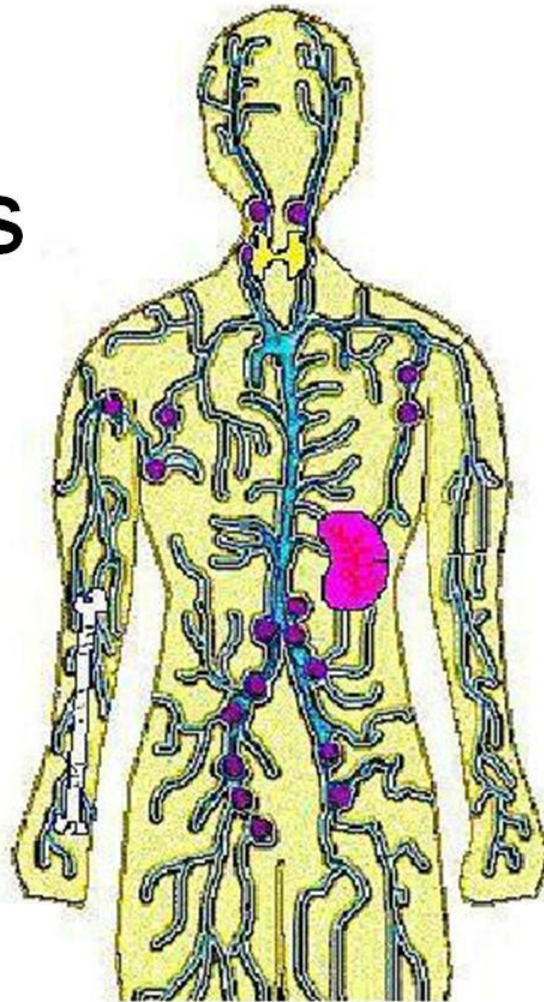
Protects us from  
microorganisms.

Regulates body temperature.

Protects us from the sun.

# Lymphatic or Immune System

tonsils



spleen

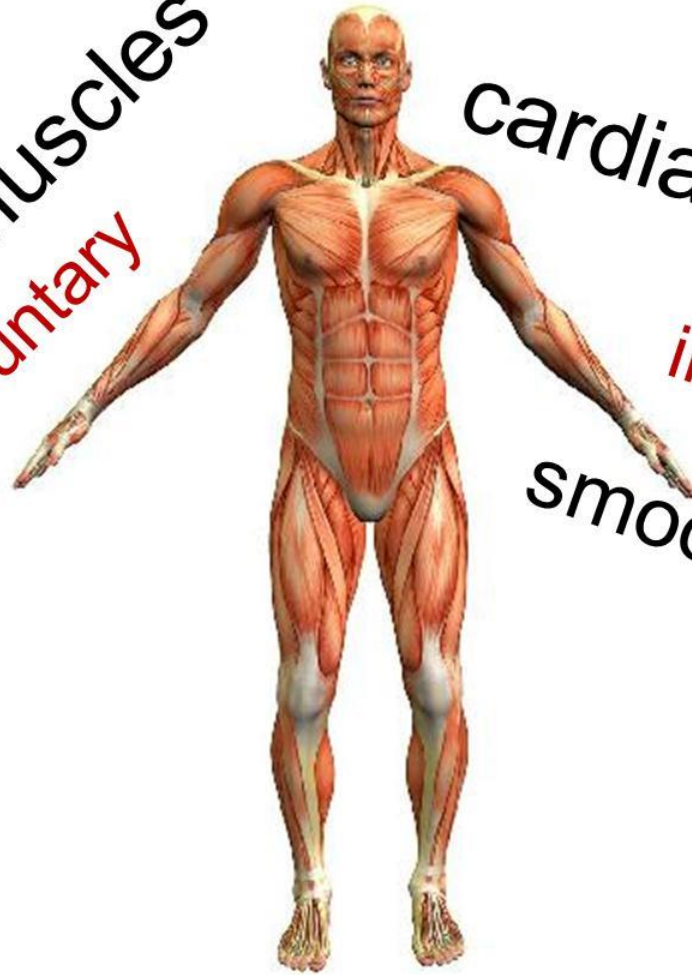
Helps body fight pathogens -

bacteria

virus

# Muscular System

skeletal muscles  
*voluntary*



cardiac muscles

*involuntary*

smooth muscles



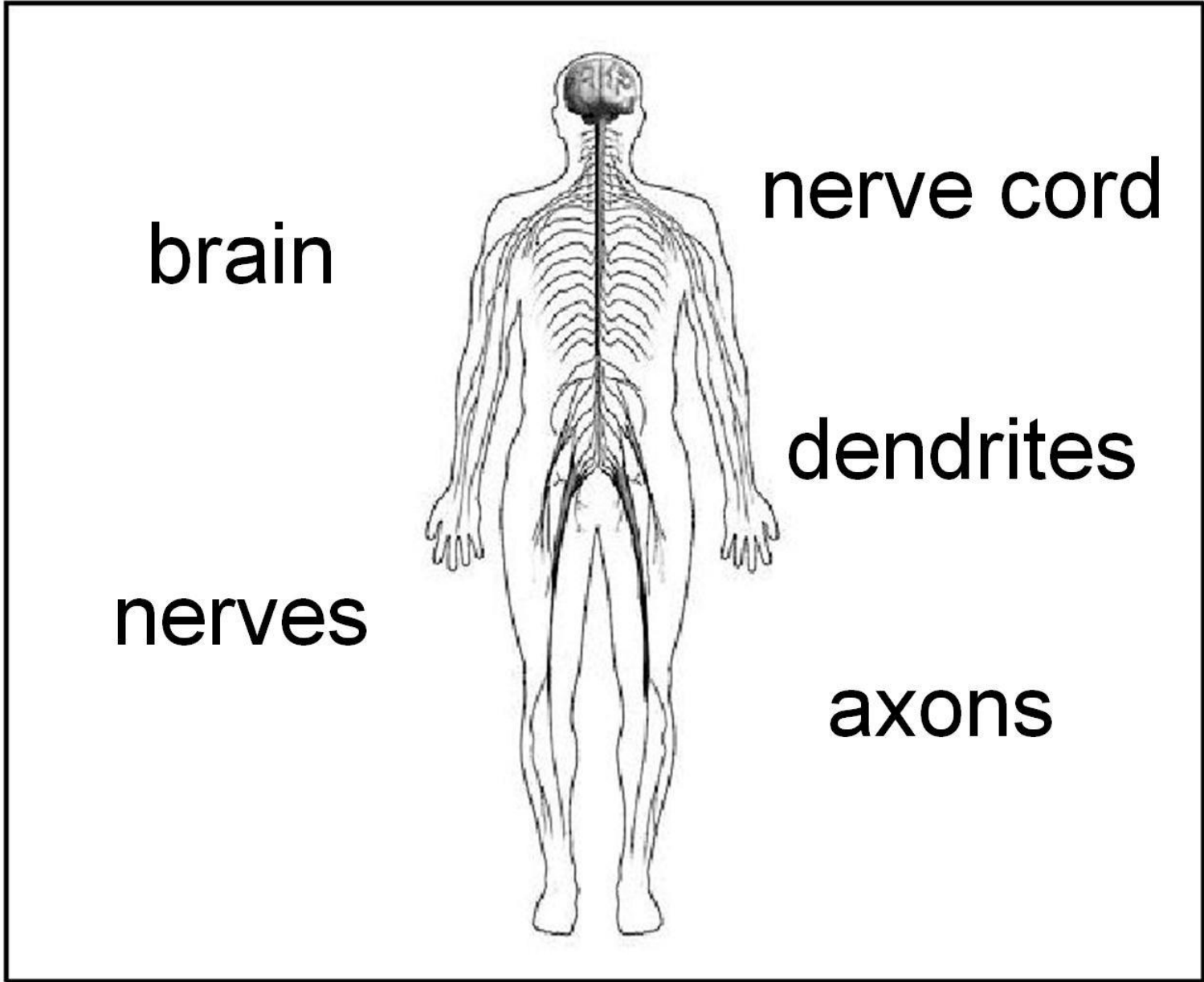
# All about movement

Moves material inside the body.

Enables us to move.

Pumps our blood.

# Nervous System

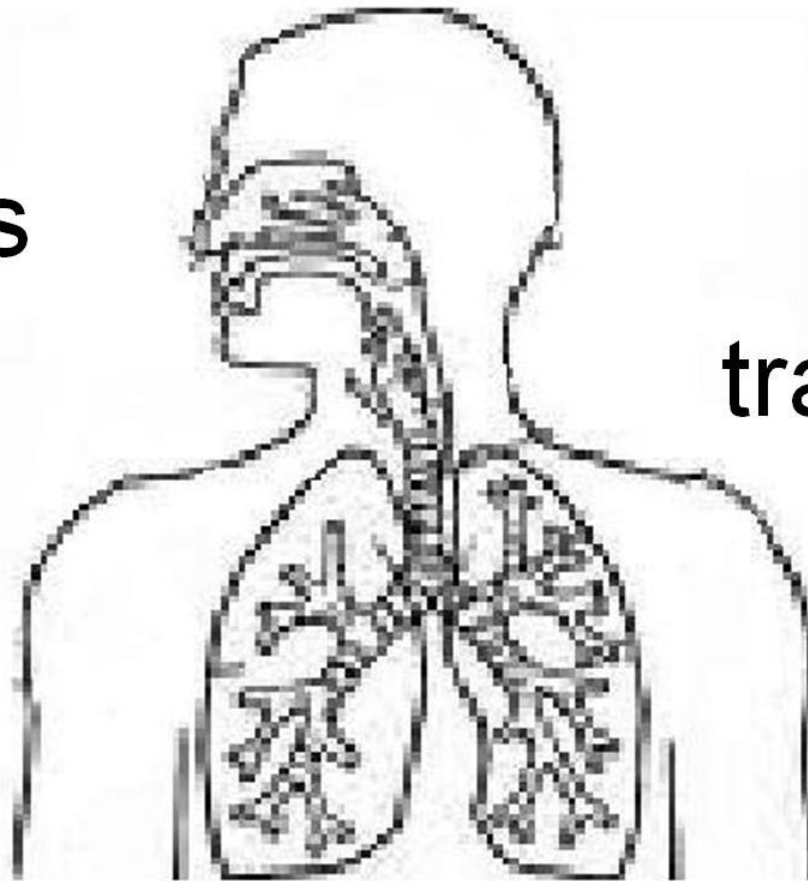


Control system  
for the entire body.

Sends electrical signals  
throughout the body.

# Respiratory System

lungs



trachea

Alveoli (air sacks)

Get oxygen  $O_2$  into blood.

Remove carbon dioxide  $CO_2$   
from blood.

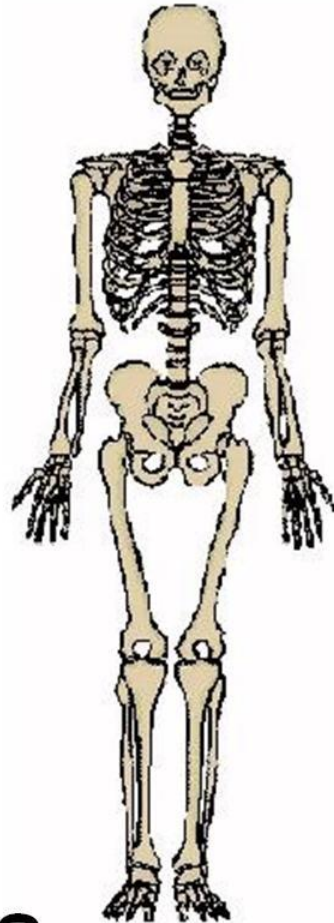
# Skeletal System



**bones**

**cartilage**

**ligaments**



**joints**

**tendons**

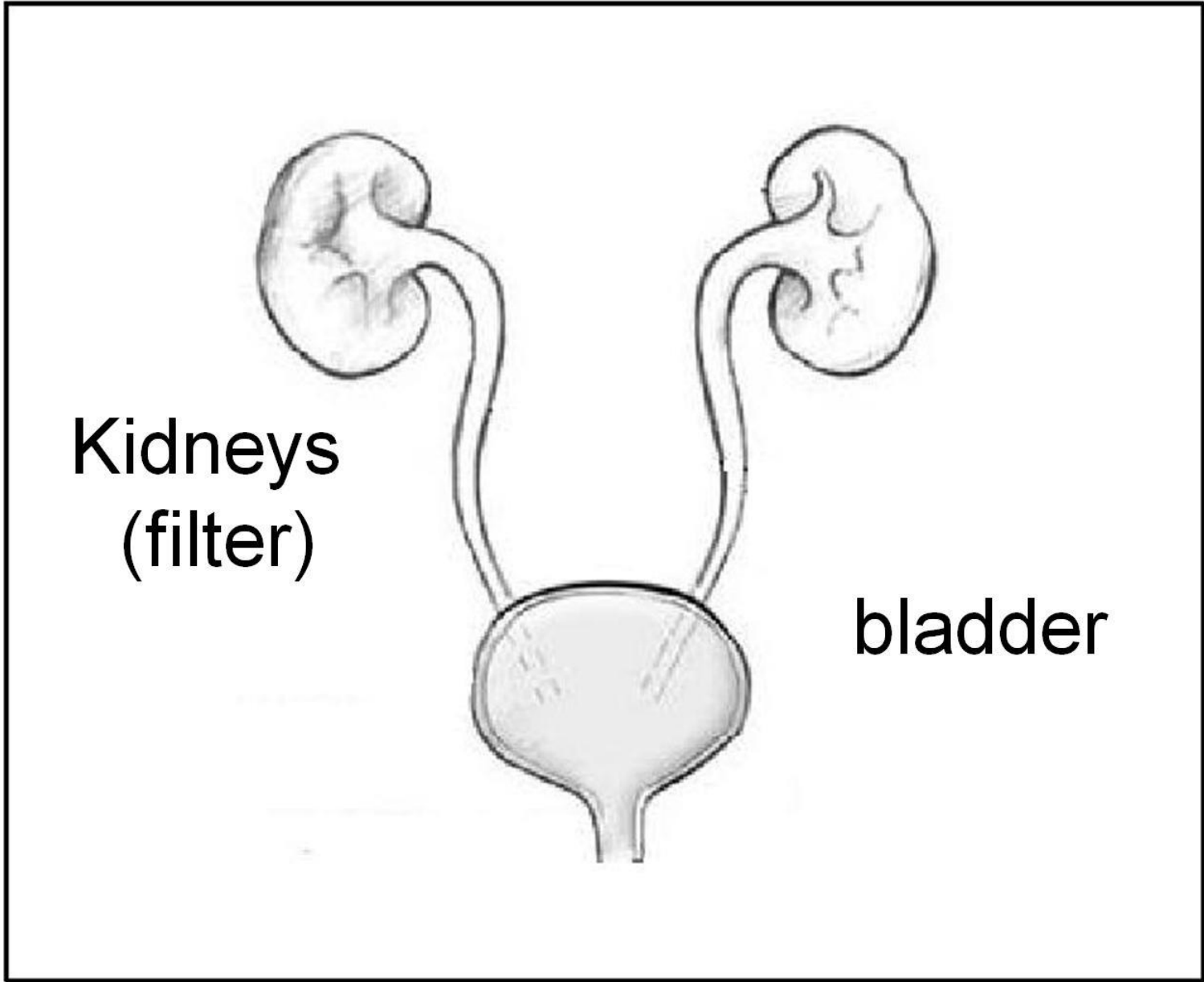
Provides support, protects organs.

Red blood cells produced in marrow.

Ligaments connect bones to bones.

Tendons connect bones to muscles.

# Urinary System



Removes waste, infection,  
carbon dioxide (CO<sub>2</sub>) and excess  
water (H<sub>2</sub>O) from body.